

METHOD OF DETECTING NUCLEIC ACID

Akira Suyama, et al.

USSN: 10/712,713

Replacement Sheet

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Name	Sequence (5'→3')
Probe A	b-16A : b-CTAgTAggTgAAgTC (SEQ ID NO: 1)
Probe B	P-16B-48 : P-CATAAGAGCCCTAGgCATgCTggTCAAgggCACgCggTTCATCAggAgTCgAAggCAGgACg (SEQ ID NO: 2)
Target sequence	r-32-fl : CTCTAgggCTCTTATggACTTCACCCTACTAg-fl (SEQ ID NO: 3)
Detection sequence	fl-r-48 : fl-CgTCCTgCCTTgACTCCTgATgAACGgCgTgCCCCTTgACCAgCATg (SEQ ID NO: 4)
Mutation sequence	fl-neg-r-32AB : fl-TTCTAgAgCTCCTATggACTTGGCCCTACTAg (SEQ ID NO: 5)

FIG. 9

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Nucleotide sequence used in evaluation experiment

F₁GTP+S₁GTP

F₁LRG-47+S₁LRG-47

5'-TCCTATATTCAACTgTAATAgCCCgTTCCCT-3' (SEQ ID NO: 6)
(Mouse γ - derived GTPase family gene, lGTP)

5'-ATTTTCCCTCTgAAAACAATAAAgTCggTTCC-3' (SEQ ID NO: 7)
(Mouse γ - derived GTPase family gene, lRG-47)

■ Probe A

F₁GTP

F₁LRG-47

■ Probe B

S₁GTP

S₁LRG-47

SD

ED

D₀|GTP=0

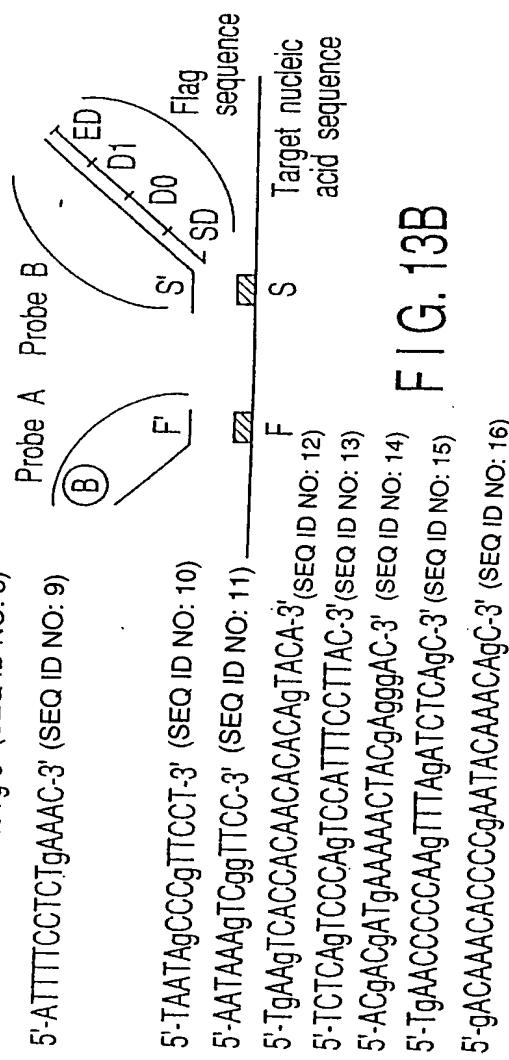
D₀|LRG-47=1

D₁|GTP=D₁|LRG-47=1

F | G. 13A

5'-TCCATATTCAACTg-3' (SEQ ID NO: 8)

5'-ATTTTCCCTCTgAAAC-3' (SEQ ID NO: 9)



F | G. 13B

5'-gACAAACACCCCCgAAATACAAACAgC-3' (SEQ ID NO: 16)